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FIG. 1

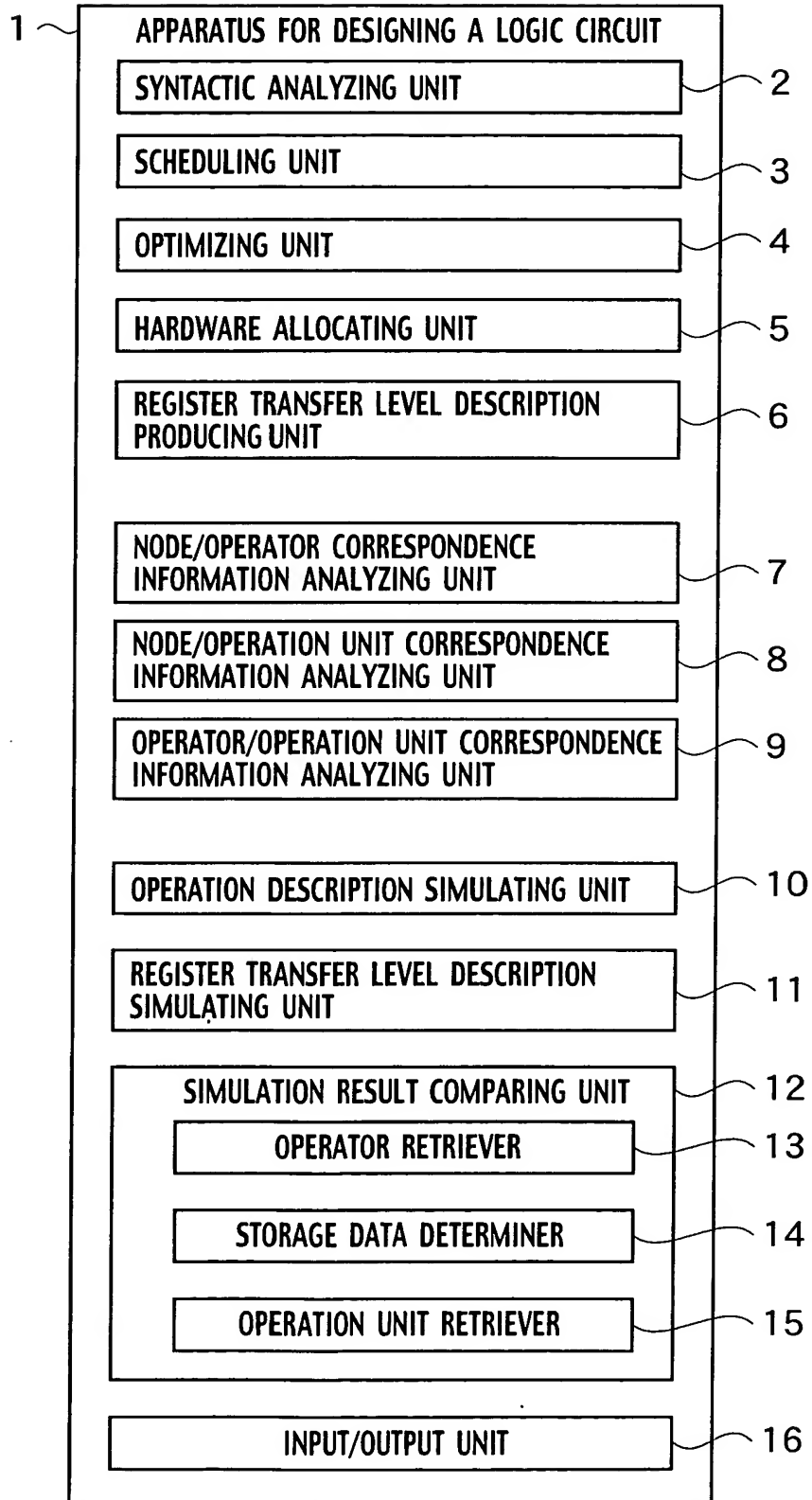
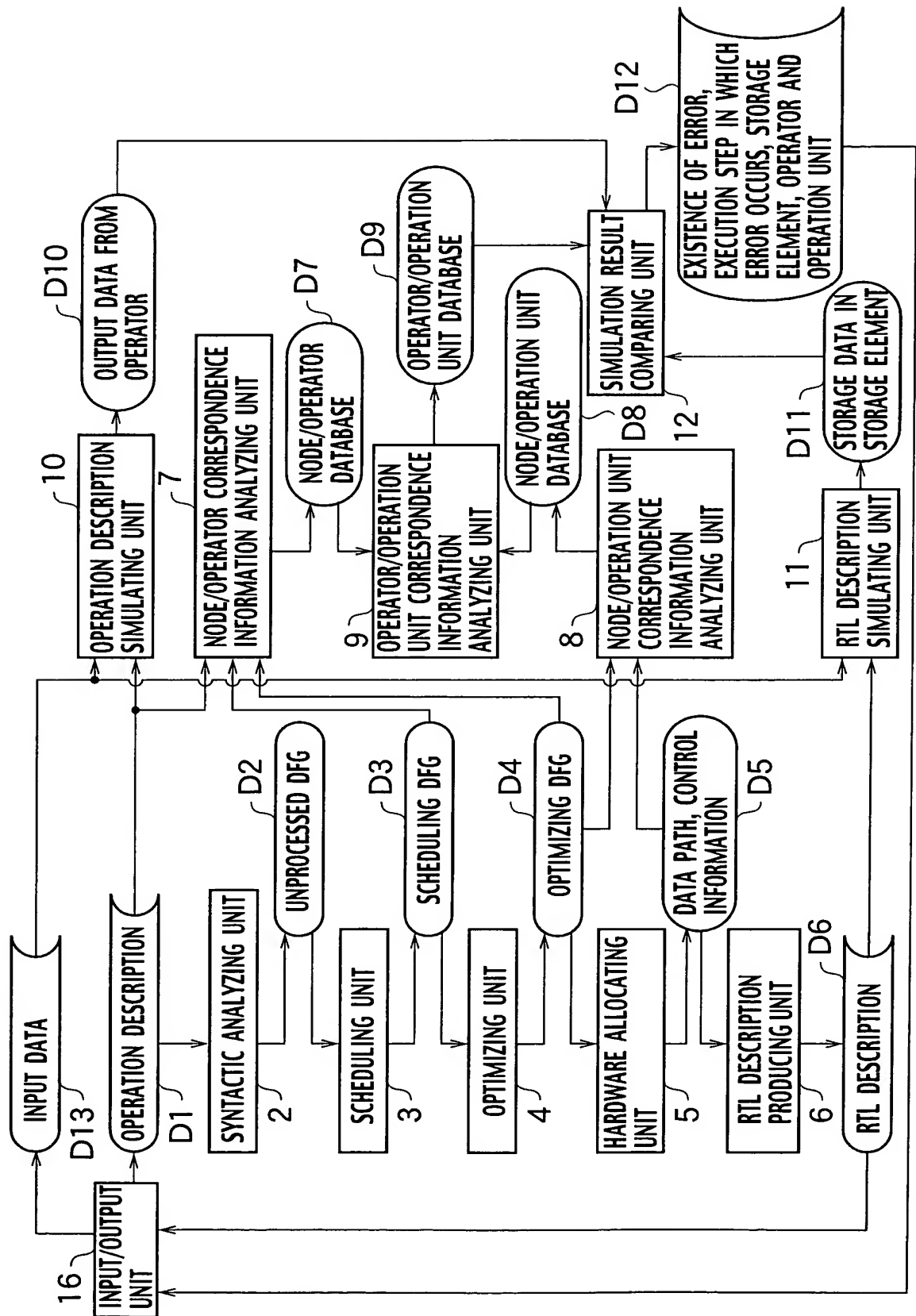
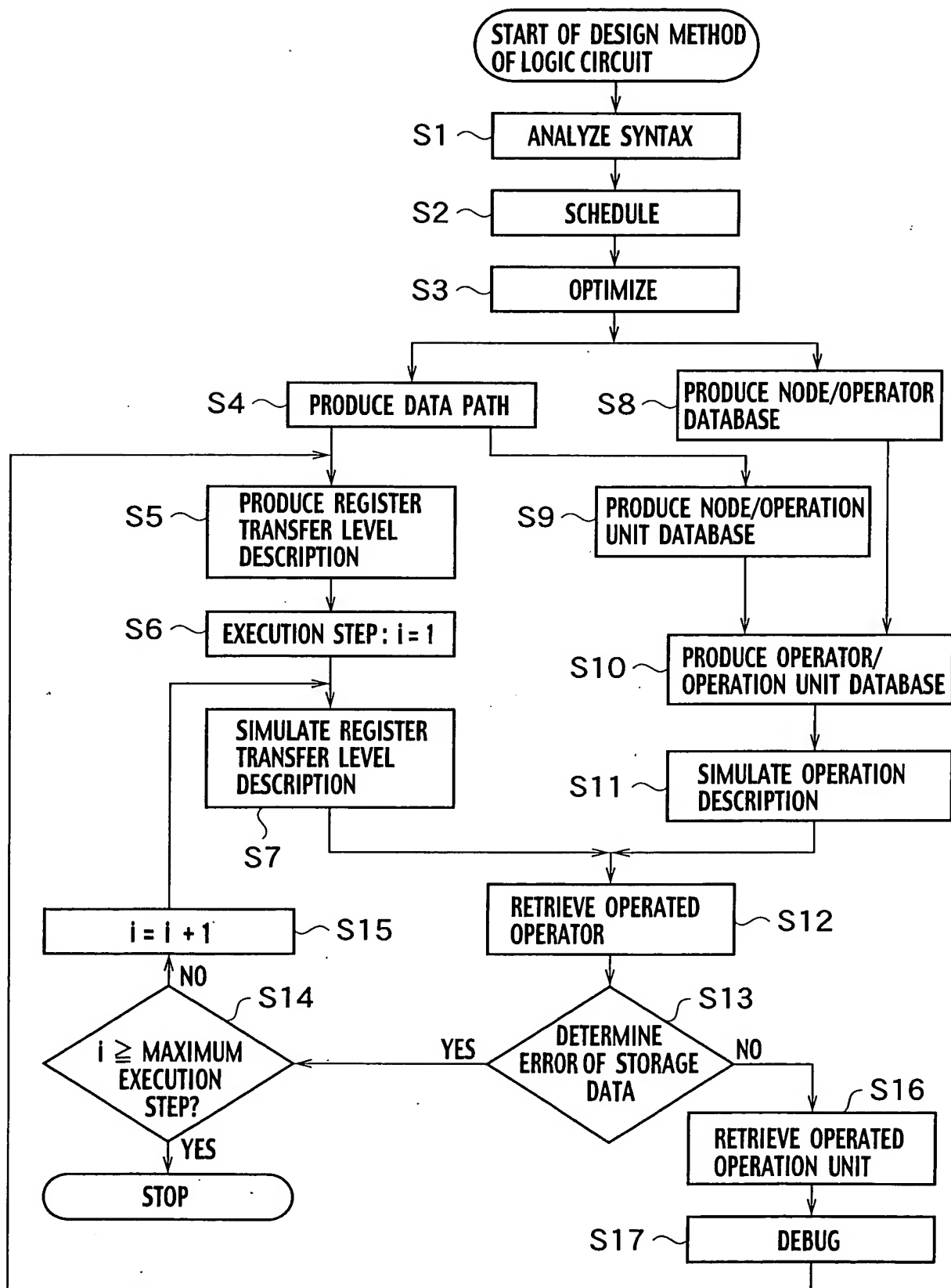


FIG. 2



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FIG. 3



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**FIG. 4**

```
void calc (int i1, int i2, int &o1)
{
    o1 = (i1 + i2) * (i1 - i2) + 1 ;
}
```

op1    op2    op3    op4

**FIG. 5**

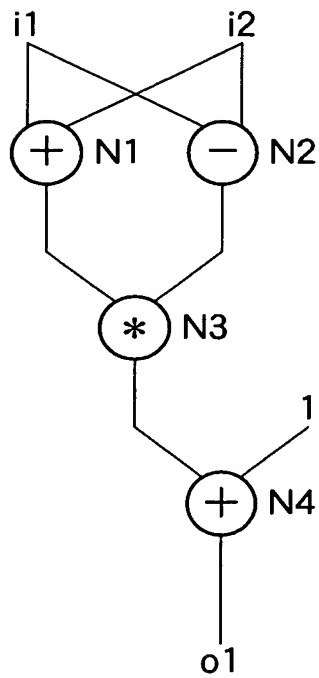


FIG. 6

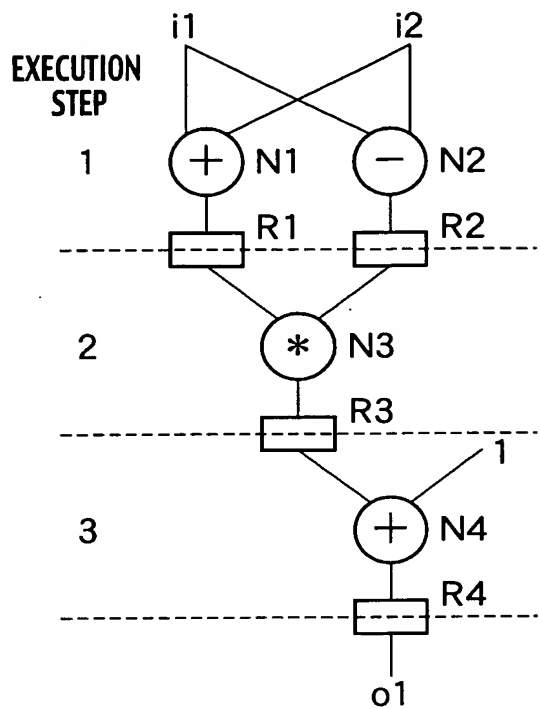


FIG. 7

D7																			
21 {	<table border="1"> <thead> <tr> <th>NODE</th><th>OPERATOR</th></tr> </thead> <tbody> <tr> <td>N1</td><td>op1</td></tr> <tr> <td>N2</td><td>op3</td></tr> <tr> <td>N3</td><td>op2</td></tr> <tr> <td>N4</td><td>op4</td></tr> <tr> <td>R1</td><td>op1</td></tr> <tr> <td>R2</td><td>op3</td></tr> <tr> <td>R3</td><td>op2</td></tr> <tr> <td>R4</td><td>op4</td></tr> </tbody> </table>	NODE	OPERATOR	N1	op1	N2	op3	N3	op2	N4	op4	R1	op1	R2	op3	R3	op2	R4	op4
NODE	OPERATOR																		
N1	op1																		
N2	op3																		
N3	op2																		
N4	op4																		
R1	op1																		
R2	op3																		
R3	op2																		
R4	op4																		
	<div> <div>22</div> <div>23</div> </div>																		

FIG. 8

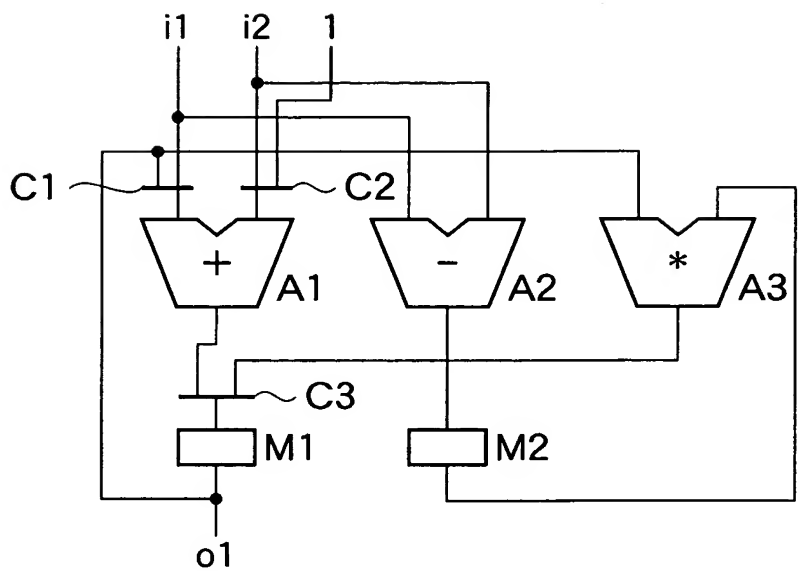


FIG. 9

EXECUTION STEP		D8			27
		1	2	3	
24 {	OPERATION UNIT				
	A1	N1		N4	
	A2	N2			
	A3		N3		
	M1	R1	R3	R4	
	M2	R2			
		25		26	

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FIG. 10

28 {	EXECUTION STEP OPERATION UNIT		D9			31 {
			1	2	3	
	A1	op1		op4		
	A2	op3				
	A3		op2			
	M1	op1	op2	op4		
	M2	op3				
29		30				

FIG. 11

32 {	OPERATOR					33 {
	(i1, i2)	op1	op2	op3	op4	
	(2, 1)	3	3	1	4	
	(3, 2)	5	5	1	6	
	(2, 3)	5	-5	-1	-4	
D13		D10				

FIG. 12

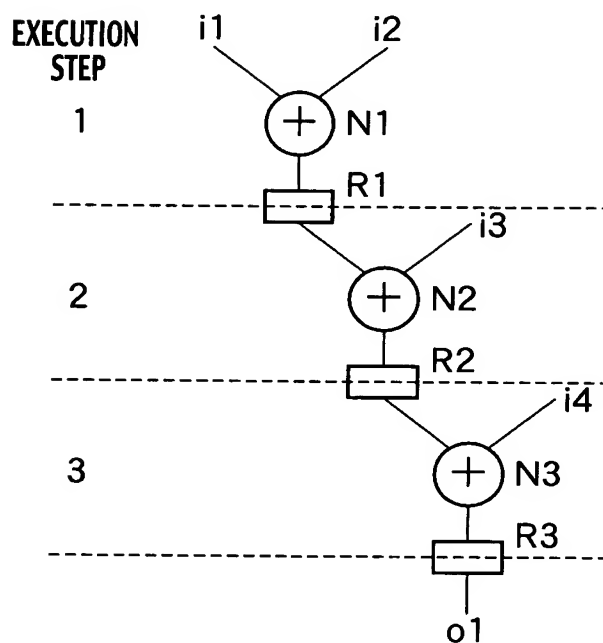
<div><div></div><div>(i1, i2)</div></div>		EXECUTION STEP					1	2	3	} 36
34 {	(2, 1)	M1	3	3	4					
		M2	1							
	(3, 2)	M1	5	5	6					
		M2	1							
	(2, 3)	M1	5	1275	1276					
		M2	-1							
		D13		35		D11				

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**FIG. 13**

```
void calc (int i1, int i2, int i3, int i4, int &o1)
{
    o1 = i1 + i2 + i3 + i4 ;
}
           op1 op2 op3
```

**FIG. 14**



**FIG. 15**

21 {	NODE	OPERATOR	D7
	N1	op1	
	N2	op2	
	N3	op3	
	R1	op1	
	R2	op2	
	R3	op3	
22		23	



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FIG. 16

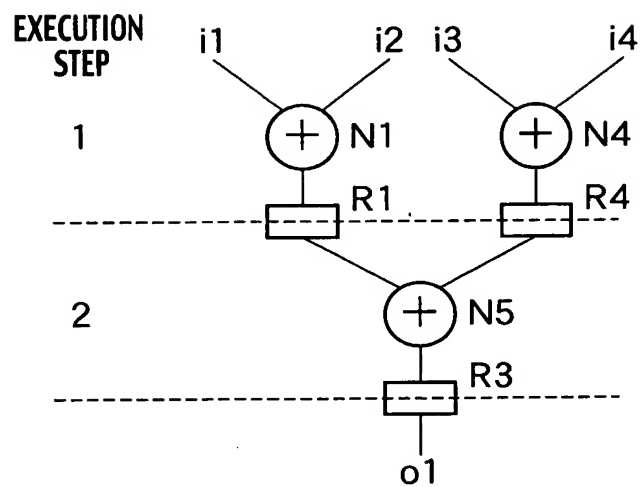


FIG. 17

NODE	OPERATOR	D7
N1	op1	
N2	op2	
N3	op3	
N4	op2, op3	
N5	op2, op3	
R1	op1	
R2	op2	
R3	op2, op3	
R4	op2, op3	

22      23

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FIG. 18

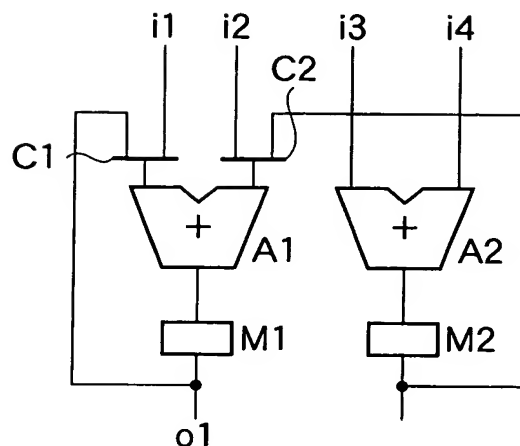


FIG. 19

EXECUTION STEP		D8	
		1	2
24 {	A1	N1	N5
	A2	N4	
	M1	R1	R3
	M2	R4	
		27	
		25 26	

FIG. 20

EXECUTION STEP		D9	
		1	2
28 {	A1	op1	op2, op3
	A2	op2, op3	
	M1	op1	op2, op3
	M2	op2, op3	
		31	
		29 30	